

Permit #932

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No. []

Well ID []

1 LOCATION OF WATER WELL: County: CRAWFORD Fraction: SE 1/4 NE 1/4 NW 1/4 Section Number: 14 Township Number: T 12 S Range Number: R 4 E

2 WELL OWNER: Last Name: WELBY First: NORREN Street or Rural Address where well is located: 10354 BE HILL RD. FROM T.C. LIMITS GO 4 MILES WEST ON LIBERTY HILL RD.

3 LOCATE WELL WITH "X" IN SECTION BOX: [Diagram showing a 36-section grid with an 'X' in the NW section]

4 DEPTH OF COMPLETED WELL: 140' ft. Depth(s) Groundwater Encountered: 1) 94 ft. 2) 94 ft. 3) 94 ft. or 4) Dry Well WELL'S STATIC WATER LEVEL: 9.0 ft. below land surface, measured on (mo-day-yr)..... above land surface, measured on (mo-day-yr)..... Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield: 20 gpm Bore Hole Diameter: 7 in. to 140 ft. and in. to ft.

5 Latitude: (decimal degrees) Longitude: (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model: (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper: 6 Elevation: ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other:

7 WELL WATER TO BE USED AS: 1. Household Lawn & Garden Livestock 2. Irrigation 3. Feedlot 4. Industrial 5. Public Water Supply: well ID 6. Dewatering: how many wells? 7. Aquifer Recharge: well ID 8. Monitoring: well ID 9. Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection 10. Oil Field Water Supply: lease 11. Test Hole: well ID Cased Uncased Geotechnical 12. Geothermal: how many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 13. Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter: 5 in. to 120 ft. Diameter: in. to ft. Diameter: in. to ft. Casing height above land surface: 3 in. Weight: 500 lbs./ft. Wall thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other (Specify) Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot Mill Slot 25/100 Gauze Wrapped Torch Cut Drilled Holes Other (Specify) Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole) SCREEN-PERFORATED INTERVALS: From 120 ft. to 140 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From ft. to ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 5 ft. to 25 ft. From ft. to ft. From ft. to ft. Nearest source of possible contamination: NONE CLOSE Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well Other (Specify) Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1	TOP SOIL	94	104	LIMESTONE (WATER)
1	5	BROWN CLAY	104	113	GRAY SHALE
5	17	LIMESTONE	113	140	LIMESTONE
17	29	YELLOW SHALE			
29	31	LIMESTONE			
31	34	BROWN SHALE			
34	86	LIMESTONE			
86	94	BROWN SHALE			

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: I certify that this water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 10/3/2017 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 451 This Water Well Record was completed on (mo-day-year) 11/3/2017 under the business name of Holdren Well Drilling Crawford, Kansas